

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

1. (Cancelled)
2. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein said address linkers consist of a type of antigen or a type of antibody for address judgment to recognize said beads-ID.
3. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein said target biopolymers and said beads are put in a reservoir together with a buffer solution and are stirred using a physical, electrical or chemical means.
4. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein magnetic beads or beads made of metal or plastics are employed as said beads.
5. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein said target biopolymers are RNAs which are transcription products from DNAs, or cDNAs, or proteins.
6. (Cancelled)

7. (Currently Amended) A biopolymer detecting method comprising the steps of:

labeling target biopolymers with a fluorescent material,

fixing probe biopolymers and beads-ID recognizing address linkers onto the surface of beads,

hybridizing in solution said target biopolymers and said probe biopolymers fixed to said beads, and

capturing said beads-ID recognizing address linkers fixed to said beads by an antigen-antibody reaction using an addressing probe protein fixed to a substrate,

wherein said beads-ID recognizing address linkers and said probe proteins are a corresponding antigen-antibody pair, and

wherein said beads-ID recognizing address linkers are specific to each of said beads.